

# Journal format to use as template

Author 1

Author 2

Write your 250 word max abstract here.

## Introduction and Background

This section sets the stage for your study by explaining the context, importance, and purpose of your work. It should give the reader enough background to understand why your research matters.

- Briefly describe the problem or topic and why it is important.
- Summarize relevant literature and clearly state your research question or hypothesis.

Properly cite articles in text by adding the reference to your `bibliography.bib` file (example Cameron and Trivedi 2013, 33–35).

## Study Design and Data collection

Here you explain how the study was planned and how data were obtained. This ensures the reader can understand and evaluate the reliability of your results.

- Describe the type of study (e.g., observational, experimental) and its key features.
- Explain how data were collected, including sources, time frames, and any selection criteria.

## Methods

Use separate sub-sections for data preparation and statistical analysis methods.

## Data Preparation

This part details the steps taken to clean, organize, and prepare the data before analysis.

- Describe any data cleaning procedures (e.g., handling missing values, correcting errors).
- Explain how variables were defined, transformed, or categorized.

## Statistical Analysis

This section explains the techniques and tools used to answer your research question.

- Identify the statistical methods and justify why they were appropriate.
- Specify the software or packages used for analysis.

## Results

Present your findings clearly and objectively, without interpretation or speculation. Use separate sub-sections for descriptive statistics and results of statistical models.

- Report key results in text, tables, or figures, focusing on what is most relevant to the research question.
- Hide all code used in this section
- Include appropriate summary statistics and measures of uncertainty (e.g., confidence intervals, p-values).

## Discussion, Conclusion

Interpret your results, explain their meaning, and place them in context with existing knowledge.

- Summarize the main findings and discuss their implications or applications.
- Address limitations of the study and suggest directions for future research.

## References

Cameron, A. Colin, and Pravin K. Trivedi. 2013. *Regression Analysis of Count Data*. 2nd ed. Cambridge: Cambridge University Press.

## **Appendix**

All of the code used for this report should be included and executed here. Do not include extraneous code or output not directly relevant to the results reported in this research report. Use brief headers or sentences to connect the code to the sections in this report.